PATENT ABSTRACTS OF JAPAN

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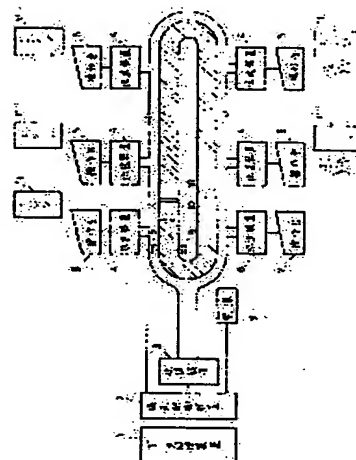| (51)Int.CI.	G06F 15/20
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(21)Application number : 59-135390	(71)Applicant : NEC CORP
(22)Date of filing : 29.06.1984	(72)Inventor : SHIRAI KAZUHIKO

(54) AUTOMATED PRODUCER

(57)Abstract:

PURPOSE: To ensure the effective and economical production control with the control method to carry the products, materials, etc. on a belt conveyor, by providing a control data processor, a terminal controller, the transmitters at the sides of a master station and a terminal respectively, etc.

CONSTITUTION: The information on the work names, the workers, the working processes, etc. are supplied to a control data processor 1 and then sent to a terminal processor 2. The controller 2 turns on an extraction pilot lamp of an operation board 5 according to the container application information given from a transmitter 6 at the side of a terminal for application of container and when a container gets close to a worker. The worker extracts the container out of the belt conveyor in response to the glowing of the lamp. Then an extraction switch is pushed to give the information to the processor 2. The control information on these jobs using the belt conveyor is transmitted via the controller 2, a master station side transmitter 3 and a terminal side transmitter 4. In other words, the effective and economical production control is secured with the control method to carry the products, materials, etc. on a belt conveyor with use of a container.

LEGAL STATUS

[Date of request for examination]

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[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

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[Date of registration]

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[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Automated control of sewing plant - has control data processing unit based on collected data and exterior input

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  F05 T06 X25 Q35   (23.01.86) B65g-37 B65g-47/50 D05b-25 G06f-15/20
29.06.84 as 135390 (20MW)

The system has control data process unit which controls daily work and work progress condition based on the data collected by data collection means, and input from exterior. The data collection unit collects data from the following: the first means instructs operator automatically to take out container containing articles for work from conveyor; second means inputs manually that the container is taken out; third means inputs manually that the container is charged on the conveyor; fourth means detects containers on the belt conveyor.

USE/ADVANTAGE - The system performs automatically work instruction to operator, work daily shedule, progress condition of each work desk and processing of data. Transport of finished products or material by conveyor can be controlled effectively. Data are useful for store control and sales control. (5pp Dwg.No.4/4)

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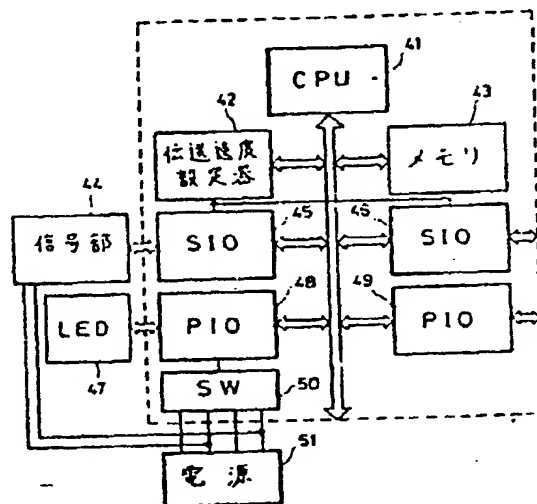
AUTOMATED PRODUCER

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Inventor(s):	SHIRAI KAZUHIKO
Applicant(s)::	NIPPON DENKI KK
Requested Patent:	⬜ JP61015266
Application Number:	JP19840135390 19840629
Priority Number(s):	
IPC Classification:	G06F15/20
EC Classification:	
Equivalents:	

Abstract

PURPOSE:To ensure the effective and economical production control with the control method to carry the products, materials, etc. on a belt conveyor, by providing a control data processor, a terminal controller, the transmitters at the sides of a master station and a terminal respectively, etc. CONSTITUTION:The information on the work names, the workers, the working processes, etc. are supplied to a control data processor 1 and then sent to a terminal processor 2. The controller 2 turns on an extraction pilot lamp of an operation board 5 according to the container application information given from a transmitter 6 at the side of a terminal for application of container and when a container gets close to a worker. The worker extracts the container out of the belt conveyor in response to the glowing of the lamp. Then an extraction switch is pushed to give the information to the processor 2. The control information on these jobs using the belt conveyor is transmitted via the controller 2, a master station side transmitter 3 and a terminal side transmitter 4. In other words, the effective and economical production control is secured with the control method to carry the products, materials, etc. on a belt conveyor with use of a container.

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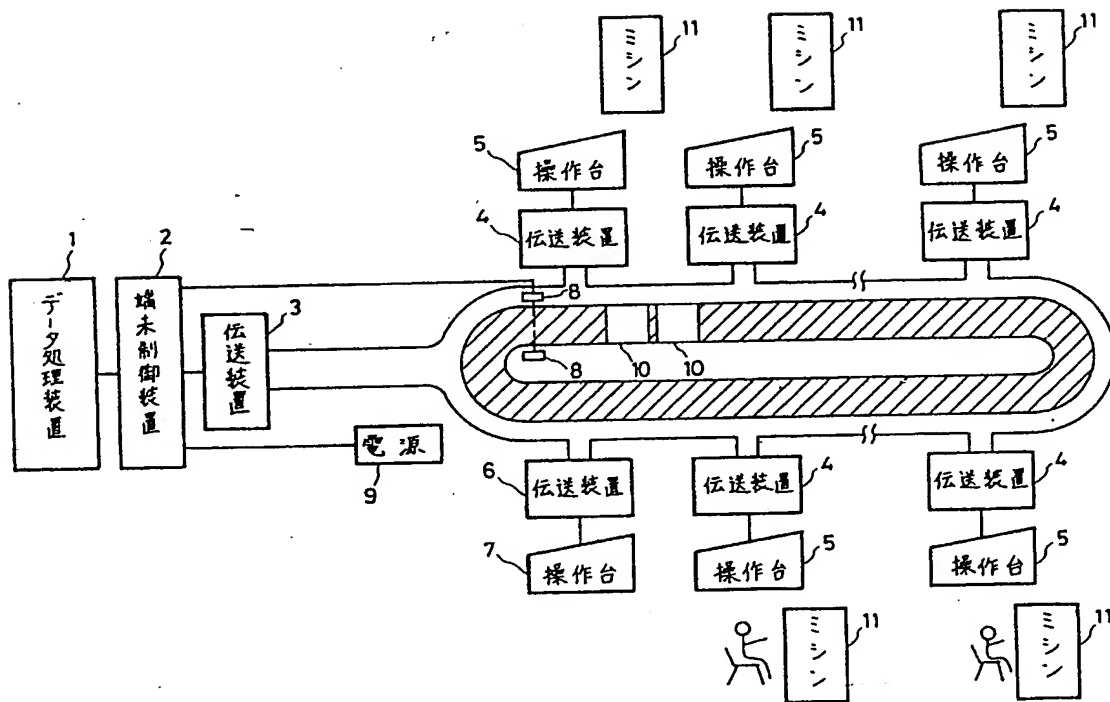縫製工　に実施してよい結果を得ている。　　　　　源。

4.　図面の簡単な説明

第1図は自動化生産装置のブロック構成図。

第2図は操作台の操作面を示す図。

第3図はコンテナ投入用操作台の操作面を示す図。

第4図は親局側伝送装置および端末側伝送装置に用いられる伝送装置のブロック構成図。

1…管理データ処理装置、2…端末制御装置、3…親局側伝送装置、4…端末側伝送装置、5…操作台、6…コンテナ投入用端末側伝送装置、7…コンテナ投入用操作台、8…コンテナ検出センサ、9…電源、10…コンテナ、11…ミシン、21…表示器、22…テンキー、23…取り出し指示ランプ、24…投入ランプ、25…取り出しスイッチ、26…投入スイッチ、41…マイクロプロセッサ、42…伝送速度設定器、43…記憶装置、45、46…シリアル入出力装置、47…状態表示LED、48、49…パラレル入出力装置、50…パラメタ設定スイッチ、51…電

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第 1 図